

iLuv[®]

Model: iNT170

Instruction Manual

Internet Radio with Dual Alarm Clock

INTRODUCTION

Congratulations on your purchase of the iLuv iNT170. Bringing thousands of worldwide Internet radio stations right into your home, the iNT170 also provides advanced audio and radio performance that brings out the best in your music. Remember to keep this manual for future reference.

Internet Radio with Dual Alarm Clock

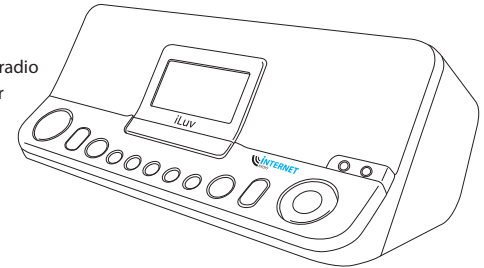
- Access worldwide internet radio stations powered by vTuner technology
- Powerful built-in speakers allow you to hear your music with depth and clarity
- Large display for easy read
- Dual alarm clock
- 40 preset stations for Internet radio & FM radio (20 Internet radio / 20 FM radio)
- Auxiliary line input for any audio devices with 3.5mm jack
- 3.5mm stereo headphone jack
- LCD dimmer level control (3 steps)

Digital Dual Alarm Clock

- Digital clock display with dual alarm clock
- Auto time update through internet or FM radio
- Wake to Internet radio, FM radio, or buzzer
- Sleep to Internet radio or FM radio

FM Radio

- FM stereo
- PLL digital tuning technology



What's Included?

- Main unit
- AC adapter
- Remote control (battery included)
- Quick start guide
- Warranty card

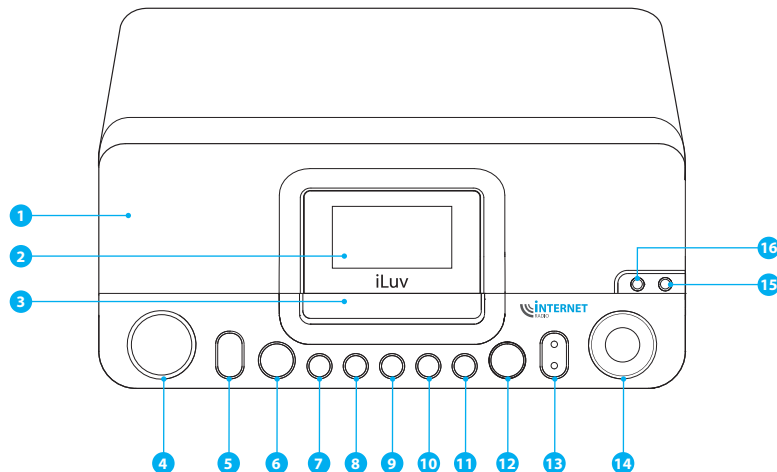
TABLE OF CONTENTS

INTRODUCTION	1
GETTING STARTED	
Location of Controls on the Main Unit	3
Location of Controls on the Remote Control	4
Understanding the Controls	5
Screen Displays	7
OPERATIONAL INSTRUCTIONS	
General Setup	9
Setting the Language	9
Setting the Time and Date	9
Alarm and Sleep Functions	10
Connecting to a Network	11
Internet Radio Mode	13
Registering an Account	16
Configuring "My Preferences"	18
Configuring "My Account"	19
Checking "My Favourites"	20
Checking "My Added Stations"	21
FM Radio Mode	21
AUX In Mode	22
System Resetting	22
MAINTENANCE & TROUBLESHOOTING GUIDE	23
IMPORTANT SAFETY INSTRUCTIONS	24
SPECIFICATIONS	31

GETTING STARTED

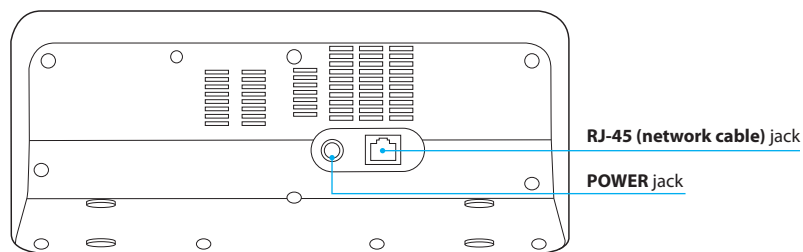
Location of Controls on the Main Unit

1. **SPEAKERS**
2. **NEGATIVE LCD** screen
3. **SNOOZE / DIMMER** bar
4. **VOLUME** control
5. **POWER** button
6. **MODE** button
7. **MUTE** button
8. **AL 1** button
9. **AL 2** button
10. **SLEEP** button
11. **PRESET** button
12. **MENU** button
13. **BACK / INFO** control
14. **SELECT / TUNING** control
15. **HEADPHONE** jack
16. **AUX IN** jack

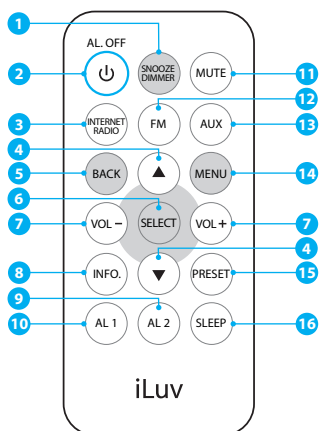


GETTING STARTED

Location of Controls on the Main Unit - continued



Location of Controls on the Remote Control



1. **SNOOZE/DIMMER** button
2. **POWER/AL OFF** button
3. **INTERNET RADIO** button
4. **UP, DOWN** buttons
5. **BACK** button
6. **SELECT** button
7. **VOLUME +/-** buttons
8. **INFO** Button
9. **AL 2** button
10. **AL 1** button
11. **MUTE** button
12. **FM** button
13. **AUX** button
14. **MENU** button
15. **PRESET** button
16. **SLEEP** button

GETTING STARTED

Understanding the Controls

Main Unit

- **POWER** Press to enter the standby mode. The radio will display the date and time when in standby mode. Press a second time to return to the previous selection. When alarm is sounding, press to stop alarm.
- **MODE** Mode selection: Internet Radio, FM, AUX
- **MUTE** Mute and release speakers
- **ALARM 1** Alarm 1 setting
- **ALARM 2** Alarm 2 setting
- **SLEEP** Press to enter Sleep menu.
- **VOL+** Press to increase the volume
- **VOL-** Press to decrease the volume
- **PRESET** Hold for a few seconds to store a station into the preset. Short press to select the preset for playback
- **MENU** Press to enter the context menu for selected mode. Press a second time to return to the previous selection
- **BACK** Press to return to the previously selected menu entry. Repeatedly pressing the **BACK** button returns you to the Context menu for the particular mode.
- **INFO** Press to see information about the service currently playing.
- **SCROLL UP** Press to scroll up a menu. In FM mode, the **SCROLL UP** button is also used to manually tune the radio to the next FM frequency.
- **SCROLL DOWN** Press to scroll down a menu. In FM mode, the **SCROLL DOWN** button is also used to manually tune the radio to the previous FM frequency.
- **SELECT** Press to select the current menu entry. In FM mode, press to auto scan and find the stations.
- **SNOOZE/DIMMER** Press to start the Snooze mode if the alarm sounds otherwise press to adjust the LCD dimmer.

GETTING STARTED

Understanding the Controls - continued

Remote Control

- **POWER** Press to enter the standby mode. The radio will display the date and time when in standby mode. Press a second time to return to the previous selection. When alarm is sounding, press to stop alarm.
- **MUTE** Mute and release speakers
- **INTERNET RADIO** Press to entry Internet Radio mode.
- **FM** Press to entry FM radio mode.
- **AUX** Press to entry Aux in mode.
- **ALARM 1** Alarm 1 setting
- **ALARM 2** Alarm 2 setting
- **SLEEP** Press to enter Sleep menu.
- **VOL+** Press to increase the volume
- **VOL-** Press to decrease the volume
- **PRESET** Press to select the preset for playback
- **MENU** Press to enter the context menu for selected mode. Press a second time to return to the previous selection
- **BACK** Press to return to the previously selected menu entry. Repeatedly pressing the **BACK** button returns you to the Context menu for the particular mode.
- **INFO** Press to see information about the service currently playing.
- **SCROLL UP** Press to scroll up a menu. In FM mode, the **SCROLL UP** button is also used to manually tune the radio to the next FM frequency.
- **SCROLL DOWN** Press to scroll down a menu. In FM mode, the **SCROLL DOWN** button is also used to manually tune the radio to the previous FM frequency.
- **SELECT** Press to select the current menu entry. In FM mode, press to auto scan and find the stations.
- **SNOOZE/DIMMER** Press to start the Snooze mode if the alarm sounds, otherwise press to adjust the LCD dimmer.

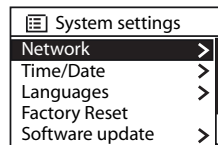
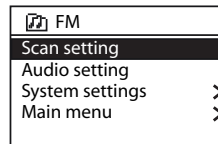
GETTING STARTED

Screen Displays

The LCD screen displays various menus, dialogues and displays. When the text is too long to fit on the screen, it is first shown truncated and after a few seconds, it scrolls slowly so that all text can be read.

Menus: The iNT170 has three basic menus (FM, Internet and AUX In). Use the **SELECT** button to proceed through and select options. A scroll bar on the right of the screen shows if there are further options above or below those visible.

- Each mode has a **Mode menu**, with options specific to that mode.
 - For example, the FM mode menu has just two options: Scan setting and Audio setting.
 - In addition, each mode menu has two final options: **System settings >** and **Main menu >**. The '>' indicates options leading to further menus.
- The **System settings menu** allows access to system settings and information such as network, time, language and software update.
 - Menus with more options than will fit on one screen have a scroll bar to the right.
- The **Main menu** allows access to all modes plus sleep and timer functions.



* Some menus, for example the System settings menu, have several submenus.

GETTING STARTED

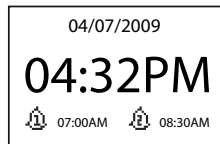
Screen Displays - continued

Dialogue screens: Dialogue screens are shown to allow the user to change settings. They vary in complexity from simple Yes/No options up to the scrollable network password input screen.

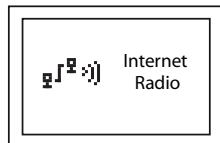
- As with menus, the selected item is shown with a white background.
- Dialogue screens mark the current setting with an asterisk (*).



- The Standby screen shows the time, date and any active alarm times.



- As you cycle through the play modes using the MODE button, the LCD screen will show a splash screen for each mode. After one second, the unit enters the selected mode plays the last station that was playing in that mode. If this is not possible, the iNT170 will attempt to connect to the selected source by scanning for stations, networks, or prompting for user input as appropriate.



OPERATIONAL INSTRUCTIONS

General Setup

1. Place iNT170 on a suitable shelf or table and plug it in to a power outlet.
2. Once plugged in, the unit will automatically turn on. You should see a welcome message 'iLuv Starting' and a moving progress bar.
3. The first time the unit is switched on, it shows the main menu. Press the **SELECT** button until **FM** is highlighted on the menu.
4. Press the **SELECT** button again to confirm.
5. The **FM Now playing** screen displays, showing the lowest frequency (87.5 MHz). Press the **SELECT** button. The frequency display will increase incrementally as the radio scans up. Once a station is found, it will play, with the station name shown in the **Now playing** display.

Setting the Language

The default language is English. To change this, press the **MENU** button > **System settings** > **Languages** > then select your language.

- A list of supported languages will appear on the LCD screen. Scroll up or down to choose from the list.

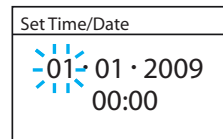
Setting the Time and Date

The time and date can be updated manually or automatically. Setting manually is simpler, but the time and date will be lost when power is off. Setting automatically is a little more complicated at first, but the time and date will be automatically synchronized with external clocks, so it should only need to be done once. As a result, automatic update is generally more accurate.

To enter the Time settings menu, press the **MENU** button > **System settings** > **Time/date** >

Manual Updating: Select "**Set Time/Date**", the date and time are displayed as MM-DD-YYYY and hh:mm AM/PM with the first value, **MM** active (flashing).

- Adjust each value (month, day, year, hour, minute) with the **▲**, **▼** and **SELECT** buttons. As each value is adjusted, the next value becomes active and flashes.
- When you select the final value (minutes or AM/PM, depending on whether the clock is set to 12 or 24 hour mode), the display reverts to the now playing screen and shows the newly updated time.



OPERATIONAL INSTRUCTIONS

Setting the Time and Date - continued

Automatic Updating: Automatic update works with data sent over FM or by the network. The clock is only updated when in a corresponding mode, so it is best to select a mode you use regularly. **FM** uses time signals broadcast with radio transmissions. **Network** uses a time signal sent from the Internet radio portal when in Internet radio mode.

1. Press the **MENU** button > **System Settings** > **Time/Date** > **Auto update** > then select **Update from**, **Update from FM** or **Update from Network**.
2. To set the time zone press the **MENU** button > **System Settings** > **Time/Date** > **Set timezone** >.
3. If your country uses daylight savings, the automatically updated time may be wrong by one hour. When daylight savings is in effect (during the summer), turn on the Daylight savings option through **Daylight savings** > **ON**

*The iNT170 will auto-update from the selected source when time information is available.

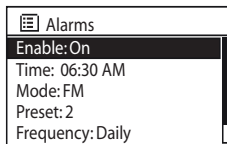
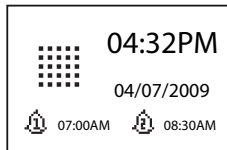
Alarm and Sleep Functions

As well as a clock/calendar, there are two versatile wake-up alarms with Snooze function, and a sleep function to turn the system off after a set period.

Setting the Alarm: To set or change an alarm, either press **AL1** / **AL2** buttons or press the **MENU** button > **Main menu** > **Alarms**.

Select the alarm number (1 or 2) then set the following:

- **Enable:** on/off
- **Time**
- **Mode:** Buzzer, Internet radio or FM
- **Preset:** Last listened, 1-20
- **Frequency:** Daily, Once, Weekends or Weekdays
- **Volume:** 0 – 20.



OPERATIONAL INSTRUCTIONS

Alarm and Sleep Functions - continued

Once the alarm is set, select Save to activate. The screen shows active alarms with an icon at the bottom left.

- At the set time, the alarm will sound. To temporarily silence it, press the **SNOOZE/DIMMER** button. You can change the snooze period (5min, 10min, 15min and 30min) by pressing the **SNOOZE/DIMMER** button. The radio returns to standby for the set period, with the silenced alarm icon flashing.

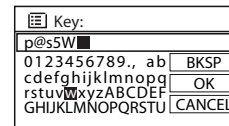
Sleep Function: To set the sleep timer, press the **MENU** button > Main menu > **Sleep** then choose from Sleep OFF, 15 Min., 30 Min., 45 Min. or 60 Min. by pressing the **SELECT UP** and **DOWN** buttons. Once you select a sleep period, the system returns to the main menu. Press the **MENU** button to return to the "Now playing" screen. The other option is to press the **SLEEP** button to achieve sleep function and sleep time.

Connecting to a Network

For Internet radio mode, you need a network connection. To connect the iNT170 to your network, you need either a wired router and an ethernet (RJ45 network) cable, or a Wi-Fi wireless router, together with password key if set.

The only requirement for using this Internet radio is a basic broadband Internet connection. When you select Internet radio, the iNT170 attempts to connect to a network. If this is the first time it has tried to connect, or if the stored networks are not accessible, the Network wizard starts automatically.

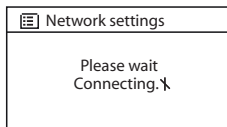
- To run the Network wizard manually, press the **MENU** button > **System settings** > **Network** > **Internet wizard**.
- Once the wizard starts, enter the following information:
 - If not already established, set the WLAN region (select country/region from list)
 - Network name (select your network from the list)
 - If connecting to an encrypted wireless network, the key (password)
 - To enter your key, use the **SELECT UP** and **DOWN** buttons to move the cursor through the characters and select. As each character is selected, the key is built up near the top of the display.



OPERATIONAL INSTRUCTIONS

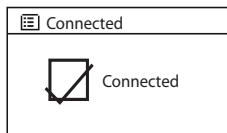
Connecting to a Network - continued

- There are three options accessible by pressing the UP button before the first characters (0,1,2,3,...) – **Backspace**, **OK** and **Cancel**.
- Once you have completed entering the key, select **OK**, and the iNT170 will try to connect to the selected network.
- If connection fails, the iNT170 returns to the password entry screen.
- If the network connection is lost, the iNT170 automatically attempts to reconnect.



Network profiles: The iNT170 remembers the last four wireless networks it has connected to, and automatically attempts to connect to whichever one of them it can find.

- You can see the list of registered networks by pressing the **MENU** button > **System settings** > **Network** > **Network profile**.
- From here you can delete unwanted networks by turning and pressing the **SELECT** button then confirming delete: Yes.



Other options: There are also other options for viewing and manually altering network settings by pressing the **MENU** button > **System settings** > **Network**. These options are not normally necessary, but users experienced with networking may find them useful for diagnosing and fixing network problems.

- Note:** The iNT170 cannot be used in hotels, airports or other public spaces whose Internet server operates via HTML, JavaScript or ASP. However, when these locations feature an Ethernet connection, the iNT170 can function by following these directions:
1. Use a laptop computer to log in to the secured internet service at the hotel, airport, or public space to establish an Internet connection.
 2. After logging on to the server, disconnect the Ethernet cable from the laptop and plug it in to the iNT170.
 3. Use the iNT170 Internet Radio as normal.

OPERATIONAL INSTRUCTIONS

Internet Radio Mode

The iNT170 can play thousands of radio stations and podcasts from around the world through a broadband Internet connection. When you select Internet radio mode, the iNT170 connects to the Internet radio portal and provides a list of stations, organized into different categories such as *Location*, *Genre*, *Popular stations*, and *New stations*. Once you select a station, the iNT170 connects directly to that station.

The portal also enables multiple lists of favorite stations that you can personalize, for example *Andy's stations*, *Joe's favorites*, *Talkshows*. To use the favorites feature, register your radio with the portal website as described elsewhere in this manual (see the "**Registering an Account**" section). If you have several iNT170 radios, you can register them all on the same account so that each radio has access to your favorites lists. It is possible to add favorites either directly through the iNT170 or through any computer with a web browser.

- To enter Internet Radio mode, either press the **MODE** button until the display shows Internet Radio or press the **MENU** button > **Main menu** > **Internet Radio**. Another option is to press the **INTERNET RADIO** button on remote control.

Note: The station list menu is provided from the Internet radio portal, so it is only accessible when the iNT170 is connected to the Internet. Station lists and submenus may change from time to time.

- There are several ways to select stations.
- Press the **MENU** button > **Last listened**.
 - Press the **PRESET** button located on the main unit.
- From the portal pressing the **MENU** button > **Station list** > menu:
 - My Favorites
 - Stations (Browse by Location, Genre, Search stations, Popular stations, New stations)
 - Podcasts
 - My added stations

If you are already listening to an Internet radio station, you can press the **BACK** button instead of the **MENU** button to return to the last visited menu page.



OPERATIONAL INSTRUCTIONS

Internet Radio Mode - continued

Last listened: When Internet radio mode restarts, the last-listened station is selected. To select another recently used station, press the **MENU** button > **Last listened** then one of the stations listed. Most recent stations appear at the top of the list.

Presets: Presets are stored in the radio and cannot be accessed from other radios.

- To store an Internet radio preset, press and hold the **PRESET** button until the display shows the Save preset screen. Select one of the 20 presets to save the currently playing station.
- To select a preset, press the **PRESET** button briefly, then select one of the listed preset stations. When a preset station is playing, it shows Pn (P1, P2 etc) in the bottom of the screen.

Note: Operation of presets is identical for Internet radio and FM.

My favorites: Favorites are stored with the Internet radio portal, and are available through all Internet radios registered on the same account. **Before favorites can be used, the radio has to be registered with the Internet radio portal.**

- To store a playing station as a favorite from iNT170, simply press and hold the **SELECT** button. The selected station appears in the default favorites list Stations.
- To select a favorite, press the **MENU** button > **Station list** > **My favourites** > [Favourites list] > [Station].

Browse: To browse Internet broadcasts, press the **MENU** button > **Station list** > then either **Stations** > or **Podcasts** >.

Browse through the menus to find broadcasts.

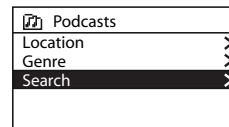
Internet radio	Stations	Genre
Last listened	Location	Alternative
Station list	Genre	Ambient
System settings	Search	Big Band
Main menu	Popular	Bluegrass
	New	Blues

OPERATIONAL INSTRUCTIONS

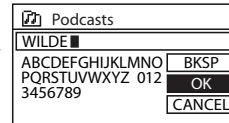
Internet Radio Mode - continued

Search: You can also search through Internet broadcasts for **stations** or **podcasts** with particular keywords in their title.

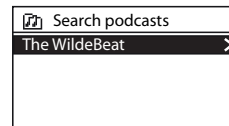
- To search, press the **MENU** button > **Station list** > then either **Stations** > or **Podcasts** > **Search**.



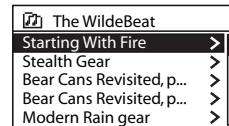
- Enter a keyword by selecting characters then **OK**. The search entry screens are similar in operation to the Wi-Fi password entry screen. For information about key entry, see the "Connecting to a Network" section elsewhere in this manual.



- Select a broadcast from the list.



- For **podcasts**, you may select from a particular episode.



OPERATIONAL INSTRUCTIONS

Internet Radio Mode - continued

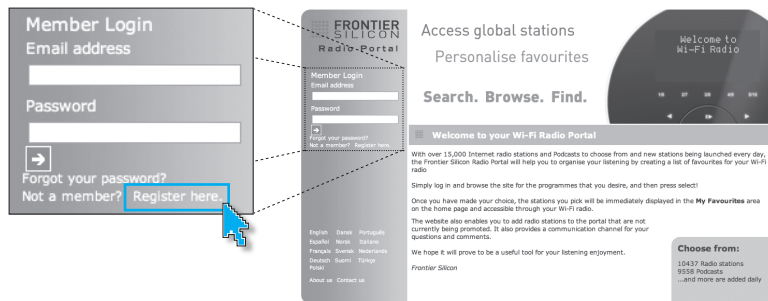
“Now Playing” Information: While the stream is playing, the screen shows its name and description. To view further information about the stream, press the **INFO** button.

- Each time you press the **INFO** button, another set of information is displayed, cycling through description, format/location, reliability, bit rate/codec/sampling rate, playback buffer and today's date.

Registering an Account

To maximize the Internet functions of the iNT170, it is suggested that you establish an account following these instructions.

- Open the website, <http://www.wifradio-frontier.com> from your Internet browser on your PC.
- Click on the 'Register here' link and follow the on-screen instructions to register an account.

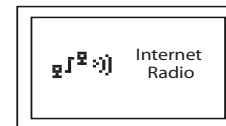


OPERATIONAL INSTRUCTIONS

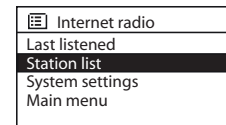
Registering an Account - continued

3. To get your Access code, follow the steps below:

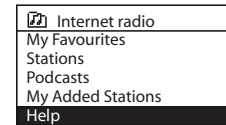
- Go into Internet radio mode by pressing the **MODE** buttons.



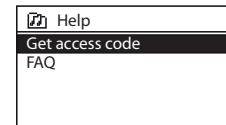
- Press the **MENU** button and highlight **Station list >** and press the **SELECT** button.



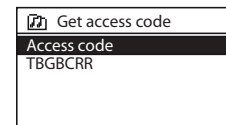
- Highlight **Help >** and press the **SELECT** button.



- Highlight **Get access code >** and press the **SELECT** button.



- Your access code will be listed on the screen.



OPERATIONAL INSTRUCTIONS

Registering an Account - continued

4. Type your e-mail address and create a password
5. Your Wi-Fi radio model is **iNT170**
6. The benefits of registering are not limited to the ability to browse stations by location, by genre, by language, New stations, and most popular. Additional, by using a PC, you can establish your favorite stations online. Any changes in your account will be also changed in your player.

Configuring “My Preferences”

1. Once logged into your account, you can edit your account's details from your 'My Preferences' section.
2. Click on the 'My Preferences' link to change your account information. This information will include various details such as your password, email address, add another Wi-Fi radio, and synchronize your favorite with your radio.

Access global stations
Personalise favourites
Search. Browse. Find.

My account
My favourites
My added stations
My preferences

OPERATIONAL INSTRUCTIONS

Configuring “My Account”

- It is possible to save your favorite stations that you found in the website by clicking the **+** icon. You can create different folders for different category of radio stations. My Favorite information will be automatically synchronized with your player.


Access global stations
Personalise favourites
Search. Browse. Find.

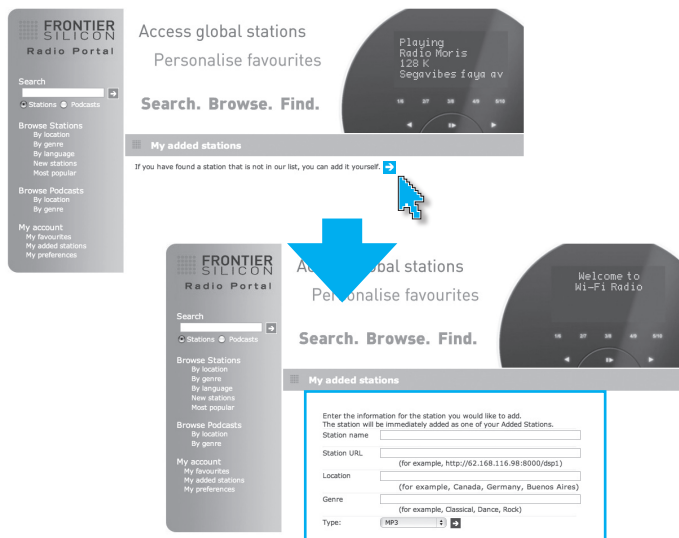
Stations for new york

Station name	Location	Genre	Stream
+ New York Police Department Scanner	New York NY	Scanner	MP3 20K
+ RAISE - Sunday New York Times	Asheville NC	News Updates	MP3 32K
+ RAISE New York Times	Asheville NC	News Updates	MP3 32K
+ WNYU New York University	New York NY	College	MP3 128K

OPERATIONAL INSTRUCTIONS


Configuring “My Account” - continued

- You can add stations not listed on the website by clicking the  icon as follows.



Access global stations
Personalise favourites
Search. Browse. Find.

My added stations

If you have found a station that is not in our list, you can add it yourself 

Access global stations
Personalise favourites
Search. Browse. Find.

My added stations

Enter the information for the station you would like to add. The station will be immediately added as one of your Added Stations.

Station name:

Station URL:

(for example, <http://62.168.116.98:8000/dsp1>)

Location:

(for example, Canada, Germany, Buenos Aires)


Genre:

(for example, Classical, Dance, Rock)

Type:

Checking “My Favourites”

- In Internet Radio Mode, press the **MENU** button and highlight **Station list** > and press **SELECT** button. Highlight **My Favourites** > and press the **SELECT** button. You will see your folders in My Favorite's as shown below.

 My Favourites
Chris's folder
Jazz


OPERATIONAL INSTRUCTIONS

Checking “My Added Stations”

- In Internet Radio mode, press the **MENU** button and highlight **Station list** > and press the **SELECT** button. Highlight My Added **Stations** > and press the **SELECT** button.

FM Radio Mode

In FM radio mode, the screen displays the station name, frequency, and information about the station.

FM	[x] R-D-S	11:49
Alice 97.3		
Best Music in the World		
		

- To enter FM mode, either press the **MODE** button until the display shows **FM Radio** or press the **MENU** button > **Main menu** > **FM**. Another option is to press the **FM** button on remote control.

Selecting Stations: To find a station, press the **SELECT** button.

The frequency display starts to run as auto scans the FM band. Alternatively, you can scan up or down by holding the **UP** or **DOWN** button or tune manually with quick presses.

- Once a station is tuned in, the *Now playing* screen shows the station name and other information. If no information is available, only the frequency is displayed.
- Presets:**

- To store an FM preset, press and hold the **PRESET** button until the display shows the Save preset screen. Select one of the 20 presets to save the currently playing station.
- To select a preset, press the **PRESET** button briefly, then select one of the listed preset stations. When a preset station is playing, it shows Pn (P1, P2 etc) in the bottom right of the screen.

“Now Playing” Information: Stereo broadcasts are indicated with an icon at the top of the screen. To view further information about the broadcast, press the **INFO** button.

- Each time you press the **INFO** button, another set of information is displayed.

Settings:

- Scan Settings:** By default, FM scan stops at any available station. This may result in a poor signal-to-noise ratio (hiss) from weak stations. To change the scan settings to stop only at stations with good signal strength, press the **MENU** button > **Scan setting** > **Strong stations only?** > **Yes**.
- Audio Settings:** By default, all stereo stations are reproduced in stereo. For weak stations, this may result in a poor signal-to-noise ratio (hiss). To play weak stations in mono, press the **MENU** button > **Audio setting** > **FM weak reception: Listen in mono only?** > **Yes**.

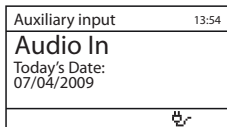
OPERATIONAL INSTRUCTIONS

AUX In Mode

AUX in mode plays audio from an external source like an MP3 player.

To play audio with AUX In mode:

1. Turn the volume low on both the iNT170 and, if adjustable, the audio source device.
2. Connect the external audio source to the AUX In 3.5 mm stereo socket.
3. Either press the **MODE** button until the display shows *AUX in* or press the **MENU** button > **Main menu** > **AUX in**. Another option is to press the **AUX** button on remote control.
4. Adjust the volume of the iNT170 (and, if necessary, the audio source device) as required.



System Resetting

If you make a mistake, (ie. setting the incorrect language), you can reset unit by pressing and holding the **MODE** button for approximately three (3) seconds with the power on.

MAINTENANCE AND TROUBLESHOOTING GUIDE

Maintenance

- Place the unit on a level surface away from sources of direct sunlight or excessive heat.
- Protect your furniture when placing your unit on a natural wood and lacquered finish. A cloth or other protective material should be placed between it and the furniture.
- Clean your unit with a soft cloth moistened only with mild soap and water. Stronger cleaning agents, such as Benzine, thinner or similar materials can damage the surface of the unit.

Troubleshooting

- **The iNT170 does not turn on**
 - The AC plug may not be connected properly. Check the connection.
 - The wall outlet may not function. Try another outlet.
- **FM Stations do not broadcast clearly**
 - Check the Scan Settings and Audio Settings.
 - Rotate the unit until reception is clearer; signal may be weak. Relocate the FM radio antenna to an open space.
- **Cannot connect to Network**
 - Follow instructions for connecting to a network.

WARNING

- TO PREVENT FIRE OR SHOCK HAZARD. DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.
- THIS APPLIANCE SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING WATER AND THAT NO OBJECT FILLED WITH LIQUIDS SUCH AS VASES SHALL BE PLACED ON APPARATUS.

CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN

WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with the arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of significant magnitude to constitute a risk of electric shock to people.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions
2. Keep these instructions
3. Heed all warnings
4. Follow all instructions
5. Do not use this apparatus near water
6. Clean only with dry cloth
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the

IMPORTANT SAFETY INSTRUCTIONS - continued

- provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
 11. Only use attachments / accessories specified by the manufacturer.
 12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart / apparatus combination to avoid injury from tip-over.
 13. Unplug this apparatus during lightning storms or when unused for long periods of time.
 14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
 15. Grounding or Polarization – This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
Alternate Warnings – This product is equipped with a three-wire grounding-type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.
 16. Ventilation – Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
 17. The MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.



USER SAFETY GUIDE

IMPORTANT SAFETY INSTRUCTIONS - continued



CLEANING

Always disconnect unit from power supply before attempting to clean it. Use soft clothmoistened with soapy water, and wipe gently. Do not use solvents or abrasive materials.

LASER SAFETY

This unit uses laser technology. Only a qualified professional should remove the cover or attempt to service this device, due to possible eye injury.



CAUTION – CLASS 1 LASER PRODUCT

Use of controls adjustments and/or performance of procedure other than specified herein may result in hazardous radiation exposure.



DANGER

Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam. CAUTION: HAZAROUS LASER RADIATION WHEN OPEN AND INTERLOCK DEFEATED.



YOU CAN HELP TO PROTECT THE ENVIRONMENT!

Please remember to respect the local regulations: Hand in the non-working electrical equipment to an appropriate waste disposal center.

FOR USED BATTERIES

Disposed of the used batteries properly. Please follow the local regulations for the battery disposal.

USER SAFETY GUIDE

FCC NOTICE TO A USER IN USA

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

FCC RULES

This device complies with Part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

Note: Do not make changes or modify the device in any way. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

USER SAFETY GUIDE

FCC NOTICE TO A USER IN USA - continued

IMPORTANT NOTES ON HEARING

Your hearing is very important to you and to us, so please take care when operating this equipment. We strongly recommend you to follow the guideline below in order to prevent possible damage or loss of hearing.

If you continuously listen to the loud sounds, your hearing will adapt to continuous loud sounds and will give you the impression that the volume has been reduced. What seems normal to you may in fact be harmful. To guard against this BEFORE YOUR HEARING ADAPTS, set the volume at a low level and slowly increase the volume level until you can hear comfortably and clearly without distortion. Damage to your hearing is accumulative and is irreversible. Any ringing or discomfort in the ears indicates that the volume is too loud. Once you have established a comfortable listening level, DO NOT INCREASE THE VOLUME LEVEL FURTHER.

In the use of headphones, please take more attention. Hearing experts say that listening to a loud music can damage your hearing, especially when listening to music with headphones.

USER SAFETY GUIDE

IC NOTICE TO A USER IN CANADA

Since digital circuitry may cause interference to other radio or television tuners nearby, switch this unit off when not in use or move it away from the affected radio/television tuner.

NOTE: This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of Industry Canada. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television operation (which can be determined by turning the equipment off), the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

WARNING!

- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on apparatus.
- Mains plug is used as the disconnect device. It shall remain readily operable and should not be obstructed during intended use. To be completely disconnected, the apparatus from supply mains, the mains plug of the apparatus shall be disconnected from the mains socket outlet completely.

USER SAFETY GUIDE

ADDITIONAL IMPORTANT INSTRUCTIONS

- Place the apparatus with some distances from the nearby objects or walls for sufficient ventilations. The ventilation should not be impeded by covering the ventilation openings with items such as newspapers, table-cloths, curtains, etc.
- No naked flame sources such as lighted candles should be placed on the apparatus.
- Dispose of used batteries properly. Follow the local regulation for the battery disposal.
- Use this apparatus in the moderate climates. It is recommended not to use this apparatus such in a lighting storm.

SPECIFICATIONS

- **Radio frequency**
 - FM: 87.5MHz – 108MHz
- **Audio output:** $2.5W_{RMS(L)} + 2.5W_{RMS(R)}$ @ 1%THD
 - Total: $5W_{RMS} / 10W_{PEAK} / 100W_{PMPO}$
- **Connectivity**
 - 3.5mm stereo headphone jack
 - 3.5mm AUX in jack
 - FM antenna
 - RJ-45
- **Power requirement**
 - AC100V~240V 60/50Hz
- **Power consumption:** $\leq 18W$
- **Dimensions** (W x H x D): 11" x 4.4" x 7" (280mm x 112mm x 178mm)
- **Unit weight:** 2.8lbs (1.27kg)

MEMO

iLuv

THANK YOU FOR YOUR PURCHASE
Visit our website at www.i-Luv.com

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